

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09F11/15 G09F21/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 138 781 A (CLAVER WILEY P) 18 August 1992 (1992-08-18) column 3, line 10 - column 6, line 6; figures 1,2,5	1-10
A	EP 0 399 546 A (MARJANOVIC MARCO) 28 November 1990 (1990-11-28) column 4, line 4 - column 5, line 45; figures 1,2	1-10
A	US 5 018 289 A (GELMAN GIDEON) 28 May 1991 (1991-05-28) the whole document	1-10
A	CH 693 220 A (MICHEL GLASSEY) 15 April 2003 (2003-04-15) the whole document	1-10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 October 2004

Date of mailing of the international search report

25/10/2004

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5138781	A	18-08-1992	NONE	
EP 0399546	A	28-11-1990	DE 3917133 A1 WO 9014654 A1 EP 0399546 A1 JP 4500280 T	29-11-1990 29-11-1990 28-11-1990 16-01-1992
US 5018289	A	28-05-1991	NONE	
CH 693220	A	15-04-2003	CH 693220 A5	15-04-2003